



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/699,221 Confirmation No.: 2799  
First Named Inventor: Constantin Bulucea Filing Date: 31 October 2003  
Group Art Unit: 2814 Examiner: Unknown  
Atty. Docket No.: NS-5127-1D US  
Title: Gate-Enhanced Junction Varactor With Gradual Capacitance Variation  
Assignee: National Semiconductor Corporation

Mountain View, California  
9 May 2005

**COMMISSIONER FOR PATENTS**  
**PO Box 1450**  
**Alexandria, Virginia 22313-1450**

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97(b)**

Sir:

Pursuant to 37 CFR 1.56, 1.97, and 1.98, each document listed on the accompanying substitute PTO Form 1449 is called to the attention of the Examiner for the above patent application. A copy of each listed document is enclosed.

Takeuchi et al. is cited on page 59 of the specification of the above application. U.S. Patent Application Publication US 2002/0074589 A1 (Benaissa et al.) was recently cited in parent U.S. patent application 10/054,653 during its prosecution.

Citation of each listed document shall not be construed as:

1. an admission that the document is necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

Ronald J. Meetin  
Attorney at Law  
210 Central Avenue  
Mountain View, CA  
94043-4869  
Tel.: 650-964-9767  
Fax: 650-964-9779

This information disclosure statement is submitted under the provisions of  
37 CFR 1.97(b).

**EXPRESS MAIL LABEL NO.:**

**EV 500 310 862 US**

Respectfully submitted,

*Ronald J. Meetin*

Ronald J. Meetin  
Attorney for Applicant(s)  
Reg. No. 29,089

210 Central Avenue  
Mountain View, CA 94043-4869

Ronald J. Meetin  
Attorney at Law  
210 Central Avenue  
Mountain View, CA  
94043-4869  
Tel.: 650-964-9767  
Fax: 650-964-9779

U.S. Department of Commerce, Patent and Trademark Office				Atty. Docket No.		Application No.		
				NS-5127-1D US		10/699,221		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s)		Confirmation No.		
Substitute Form PTO 1449				Bulucea, Constantin		2799		
MAY 09 2005				Filing Date		Group		
				31 October 2003		2814		
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	2002/0074589	06/2002	Benaissa et al.	257	312		
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AI							
	AJ							
	AK							
	AL							
	AM							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AN	Takeuchi et al, "A New Multiple Transistor Design Methodology for High Speed Low Power SOC's," <u>IEDM Technical Digest</u> , December 2001, pages 22.6.1 - 22.6.7						
	AO							
	AP							
Examiner			Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								